

**ENGINEERING/OPERATIONS COMMITTEE MEETING RECAP
APRIL 14, 2011**

COMMITTEE MEMBERS PRESENT

Ed Mandich, Committee Chair
Jim Haselton, Alternate Committee Member

STAFF PRESENT

Don Chadd, General Manager
Hector Ruiz, District Engineer
Teresa Teichman, Secretary to the Board of Directors
Kris Hanberg, Wastewater Supervisor
Neil McKenna, Water Supervisor
Bob Beck, Maintenance Supervisor

PUBLIC PRESENT

No members of the public were present.

CALL THE MEETING TO ORDER

Committee Chair Mandich called the Engineering/Operational Committee Meeting to order at 7:05 a.m.

VISITOR PARTICIPATION

There was no visitor participation

ORAL COMMUNICATION

There were no comments.

COMMITTEE MEMBER COMMENTS

Mr. Ed Mandich, Committee Chair, advised he attended last night's Rancho Santa Margarita City Council Meeting and provided information relating to upcoming City Council Appointments.

REPORT FROM THE GENERAL MANAGER

There was no report from the General Manager.

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PROJECT MANAGEMENT

ITEM NO. 1A) STATUS REPORT AND POSSIBLE ACTION RELATING TO STORM DAMAGE

Mr. Don Chadd, General Manager, provided a status update and reviewed several projects which FEMA has approved for a percentage of reimbursement. Mr. Chadd advised District Engineer, Mr. Hector Ruiz is scheduled to meet with the FEMA representative today and anticipates approval on three more projects.

Discussion occurred relating to the status of the Serrano Creek Crossing.

The Engineering/Operational Committee received the status update. Forward to the Board (Action Calendar).

ITEM NO. 1B) STATUS UPDATE RELATING TO BAKER WATER TREATMENT PLANT

Mr. Ruiz advised the Baker Water Treatment Plant (BWTP) Committee Meeting is scheduled to meet April 14, 2011 to discuss the 90% design review comments. Mr. Ruiz anticipates discussion to also occur relating to AMP Agreements and an updated time line for the project.

The Engineering/Operational Committee received the status update. No action taken.

ITEM NO. 1C) STATUS UPDATE AND POSSIBLE ACTION RELATING TO ROSE CANYON AND LANG WELLS GROUNDWATER TREATMENT FACILITY

Mr. Ruiz advised the wells are running smoothly and currently producing approximately 900 gallons per minute.

Mr. Ruiz advised there is minor work being completed at this time at the wells site, which will be completed by the time of the April 20, 2011 Regular Board Meeting. Mr. Ruiz advised he anticipates bringing this item before the Board and will request the Board accept the project and authorize the District Engineer or General Manager to file the Notice of Completion with the County. Mr. Ruiz advised he will also recommend the completed Rose Canyon and Lang Wells Groundwater Treatment Facility Upgrade Project formally be recognized as the new Trabuco Creek Wells Facility, as previously decided by this Board of Directors.

The Engineering/Operational Committee received the status update. Forward to the Board (Action Calendar).

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ITEM NO. 1D) STATUS UPDATE RELATING TO WATER MONITORING AND WATER CONSERVATION EFFORTS

Mr. Chadd discussed the water allocation tables provided by the Municipal Water District of Orange County (MWDOC) containing data as of March 22, 2011.

Mr. Chadd noted Governor Brown has officially declared the drought in California over. Mr. Chadd advised he received a notice from the Department of Water Resources, after the preparation of this agenda, which will be presented at the time of the Regular Board Meeting, related to relaxing the water allocation provision for water purveyors within the MWDOC service area, effective July 1, 2011.

The Engineering/Operational Committee received the status update. Forward to Board (Action Calendar).

ITEM NO. 1E) STATUS UPDATES REGARDING ON-GOING ENGINEERING PROJECTS

1. Golf Club Lift Station Upgrades/Rehabilitation

Mr. Ruiz advised there is no new information to report.

2. Shadow Rock Detention Basin Facility Project

Mr. Ruiz advised he attended the South Orange County Regional Watershed Management kick-off meeting on April 7, 2011 with Director Mandich.

Mr. Chadd advised Mr. Michael Perea, Special Projects Manager, has filed Best Management Practices (BMP) for TCWD with the Department of Water Resources. TCWD has received notification that the BMP's are in compliance which provides approval to receive grant funding.

Committee Chair Mandich suggested communicating with staff from the City of Lake Forest as it relates to the Serrano Creek Crossing regarding possible grant funding opportunities.

3. Brookseed/Dove Water Main Inter-Tie/Fire Line

Mr. Ruiz advised there is no new information to report.

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4. El Toro Road Sewer Lift Station

Mr. Ruiz advised there is no new information to report. Mr. Ruiz recommended removing this item from On-Going Engineering Projects, the Committee agreed.

5. 2010 Urban Water Management Plan (UWMP)

Mr. Ruiz advised he and Mr. Perea are working together on this project and anticipate bringing information to the Committee in May. Mr. Ruiz advised the main focus of the project is to reduce imported water use by 20 percent.

6. Plano Median Recycled Water Conversion

Mr. Chadd advised TCWD staff has completed this project.

7. Other Projects

There were no other projects discussed

The Engineering/Operational Committee received the status updates. No action necessary.

ITEM 1F) STATUS UPDATES REGARDING ACTIVE DEVELOPMENTS

1. Skyridge – Standard Pacific Homes (85 DUs)

Mr. Ruiz advised there is no new information to discuss

2. Oaks at Trabuco

Mr. Ruiz advised there is no new information to discuss.

3. Fieldstone

Mr. Ruiz advised TCWD has received the signed Will-Serve Letter (WSL) from the developer and will bring the WSL to the April 20, 2011 Regular Board Meeting for approval. Mr. Ruiz advised he is in the process of obtaining the Grant of Easement and the Water and Sewer Agreement from the Developer.

Committee Chair Mandich asked how long the project may take. Mr. Ruiz advised he anticipates completion by May or June, 2011.

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4. Other Active Developments

There were no other developments discussed.

The Engineering/Operational Committee received the status update. Item 3, Fieldstone forwarded to the Board. (Action Calendar).

ITEM NO. 1G) WATER SYSTEM STATUS UPDATE

Mr. Neil McKenna, Water Supervisor, provided the March 2011 update.

Source Water Production

1. The water treatment plant production totaled 22 acre feet.
2. The Trabuco Creek Water Treatment Facility produced 102 acre feet.
3. The average daily demand was 3.9 acre feet, or 2.0 cfs.
4. The demand for the District was 124 acre feet.

Projects and Repairs

1. Water Department Personnel repaired a 1-inch service line on Wagon Wheel, in the lower Robinson Ranch Community.
2. Water Department Personnel repaired a fire hydrant which was damaged on Mountain View Road, in the Canyon Community.

The Engineering/Operational Committee received the status update. No action taken.

ITEM NO. 1H) WASTEWATER SYSTEM STATUS UPDATE

Mr. Kris Hanberg, Wastewater Supervisor provided the March 2011 status update.

Robinson Ranch Wastewater Treatment Plant

1. The reclaimed water production totaled 63 acre feet.
2. The recycled water demand was 12.5 acre feet.
3. Dove Lake had zero feet of freeboard.

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4. The reclaimed water reservoir had 1 foot of freeboard.
5. The District pumped a total of 32 acre feet from Dove Lake.
6. The Dry Season Water Recovery Project produced zero acre feet.
7. 86 acre feet was pumped to the Portola Basin.

Projects

1. District Personnel completed Recycle Water Irrigation Inspections.
2. The District Personnel replaced an 8-inch backwash drain line at the Wastewater Treatment Plant.
3. District Personnel converted Plano Median to Recycled water.

Mr. Hanberg provided an update to the Sewer System Management Plan (SSMP).

The Engineering/Operational Committee received the status update. No action taken.

ITEM NO. 1I) MARCH 2011 OPERATIONAL REPORT REVIEW

The Committee reviewed the information provided.

The Engineering/Operational Committee received and filed the report. No action taken.

**ITEM NO. 1J) ENGINEERING/OPERATIONAL COMMITTEE MEETING
RECAP**

No changes were made to the Engineering/Operational recap.

The Engineering/Operational Committee recommended that the Board receive and file the March 10, 2011 Engineering/Operational Committee Meeting Recap. (Consent Calendar).

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ITEM NO. 1K) OTHER MATTERS/REPORT

Mr. Chadd advised the committee TCWD staff has begun preparation for the landscape project at the District Administration Facility. Soil and rocks have been brought in and planting is anticipated to start soon.

Recommended Action: The Committee received the status update. No action taken.

ADJOURNMENT

Committee Chair Mandich adjourned the April 14, 2011 Engineering/Operational Committee Meeting at 7:52 a.m.